



HXCB10-2/2 DC Combiner Box

LIVOLTEK HXCB10-2/2 DC Combiner Box is usually installed between solar panels and inverters to combine DC strings and it is also integrated with reverse current prevention, over-current protection, over-voltage protection, lightning protection etc., which can greatly reduce the connection lines in PV power generation systems and significantly improve the safety and reliability of the system.

Features

- Excellent insulating properties
- Overload, short circuit, overvoltage, lightning protection
- Quick and easy installation
- Indoor or outdoor installation



Specifications

Model	HXCB10-2/2
General Data	
Input	2 Strings
Output	2 Strings
Maximum Voltage	600V
Max DC Short Circuit Current Per Input (Isc)	20A
Maximum Current Output	20A
Enclosure	
Material Type	Polycarbonate
Degree of Protection	IP65
Degree of Resistance to Impacts	IK10
Dimension (WxHxD)	265*220*110
Cable Input Entry	Cable Gland ϕ 4-8mm

Specifications

Model	HXDCCB-2/2
Cable Output Entry	Cable Gland ϕ 4-8mm
DC Circuit Breker	
Rated Insulation Voltage(Ui)	1000V
Rated Operational Voltage (Ue)	600V
Rated Impulse Withstand Voltage (Uimp)	8kV
Rated Ultimate Short-circuit Breaking Capacity (Icu)	6kA
Rated Service Short-circuit Breaking Capacity (Ics)	6kA
Rated Current (In)	20A
Standard Compliance with	IEC60947-2
DC Surge Protective Device	
Maximum Continuous Operating Voltage(Ucpv)	600V
Nominal Discharge Current(In)	20kA
Maximum Discharge Current(I _{max})	40KA
Voltage Protection Level(U _p)	\leq 2kV
DC Fuse	
Rated Operational Voltage (Ue)	600V
Rated Current (In)	20A
Fuse Link	10×38mm
Environment	
Operating Temperature	-20 C ~+60 C
Humidity	99%
Altitude	2000m
Installation	Wall Mounting